INDEX

TO VOLUME 73 OF THE AMERICAN JOURNAL OF PHARMACY.[1]

SUBJECTS.

Acacia, impurity of market product 157
Academic costume, etiquette of 1
Acid, acetic, as a menstruum 469
carbolic, red coloration (Gordon) 469
chromic and soluble chromates, estimation of (Kebler) 395
exact standard, preparation of 200
nitric, production from atmospheric nitrogen (Wilbert) 171
salycylic, volumetric assay of 189
sulphuric, detection of selenium in 95
Aconite, market 469
root, preparation of powder 470
Adrenalin, the active principle of the suprarenal glands and its mode of preparation (Takamine) 523
Adulterated drugs 500
Adulteration of drugs (Kebler) 573
Adulterations, detection by means of X-rays (Wilbert) 78, 104
report on, by H. P. Hynson 457
Albumen, cold nitric acid test for 497
manufacture in China 198
Alcohol, 95 per cent., action of metals on 302
deodoratum 462
ethyl and methyl, preparation of 34
methyl, in pharmaceutical preparations (Cook) 289, 313
new synthesis of 302
phenyl-ethyl, in rose blossoms 199
prevention of intoxicating effect of 33
wood, in preparation of narcotic fluid extracts (Gordon) 468
in preparation of tinctures (Gordon) 469
wood, use of (Gordon) 285, 313
use as fuel (Lyon) 360
Alkaloid estimations, volumetric 95
the alkalimetric factors of diacid 492
vegetable, determination of, by means of normal salts 195
Allspice analyses 554
Aloin, oxidation by means of potassium persulphate and Caro's acid . . . 566

AMERICAN PHARMACEUTICAL ASSOCIATION:

Enno-Sander prize 48
Semi-Centennial of 97
proceedings of Forty-ninth Annual Meeting 482

Ammonium persulphate, oxidizing action of 189
Anagyrine, isolation and chemical properties 192
Anchylostoma duodenale, recognition of 228
Anethol, examination of 359

[1] Compiled by F. Yaple.

Anise, star, poisonous 365
Antitoxin, diphtheria 491
Apparatus stand, pharmacists (Remington) 19, 46
Aqua destillata, alkalinity of 157
Arsenic, a few remarks on the atomic weight of 497
Argemone Mexicana, does it contain morphine? 490
Artificial foods, the deterioration of (LaWall) 477
Asafœtida, commercial (Wilbert) 131
Assay, pharmacological, of preparations of the suprarenal glands (Houghton) 496, 531
Phosphorus in oils 481

ASSOCIATION PROCEEDINGS:

Arkansas 510
Colorado 511
Connecticut 511
Delaware 512
Georgia 512
Illinois 453
Indiana 513
Indian Territory 513
Iowa 514
Kansas 515
Kentucky 454
Louisiana 456
Maine 516
Maryland 457
Massachusetts 458
Minnesota 516
Missouri 459
Nebraska 461
New Jersey 461
New York 462
North Carolina 464
Ohio 464
Oklahoma 517
Pennsylvania 466
South Carolina 517
Tennessee 518
Texas 518
Virginia 520
Atomic weight of arsenic, a few remarks on 497
Atmosphere, gaseous elements 487

Barley, germinated, enzyme of 32
Behring, Emil, honor conferred upon 314
Bezoar, specimen of 210
Belladonna leaves, commercial 556
root and extract, assay of (Clark) 22
and scopola, comparative pharmacological study of 495
Berberine of R. Gaze, the so-called (Gordin and Merrell) 488
two new methods for the quantitative estimation of 492
Berberis barks, anatomical comparison of 481
Blue, soluble, commercial 556
Board of Pharmacy, Kansas, report of 515
New York State, report of 463
State Pharmaceutical Examining (Emanuel) 470
Brown, Robert, marble bust of 314

Calcium phosphate, precipitated, commercial 469
lacto-phosphate, the chemical composition of 499

Calcium oxalate crystals in the study of vegetable drugs (Kraemer) . . . 471
Carat, value of, in metric system . . . 210
Carbonic acid gas, liquid (Gordon) . . . 237, 256
Cephæline, chemical properties of . . . 110
hydrochloride, preparation of . . . 111
pharmacology of . . . 114
Canella, coto, paracoto and wintera, the gross and histological characters of, 496
Cascara and its adulterants . . . 301
Catha edulis, examination of . . . 300
Cerate, camphor, formula for . . . 119
simple, formula for . . . 119
Ceric sulphates, formulæ of . . . 33
Chandler, Charles F., appointment of . . . 314
Chloroform, the estimation of . . . 494
Cinchona alkaloids, formation of . . . 145
separation of, with ether . . . 491
bark, assay of . . . 213
assay of fluid extract of . . . 218
barks of the New York market . . . 153
culture in India and Java . . . 188
Cinnamic aldehyde and cinnamon oils . . . 499
Cinnamon oils and cinnamic aldehyde . . . 499
Cloves, analysis of . . . 554
Coca, assay of (Lamar) . . . 125, 155
leaves, assay of . . . 167
Cocaine, crude, inferiority of . . . 156
solutions, sterilized . . . 208
Cocoanut shells, analysis . . . 555
Cocos nucifera, anatomy of fruit (Winton) . . . 538
Colchicum, investigation of (Schulze) . . . 293
Cold cream, formula (Campbell) . . . 468
new (Alpers) . . . 117, 154
Collinsonia canadensis . . . 462
Collodium, preparation (Gordon) . . . 469
Color tests, relative value of . . . 255
Commercial aspects, some, of pharmacy . . . 503
Condurango . . . 462
Congresses, international pharmaceutical (Hoffmann) . . . 315, 373, 431
Conium seed or leaves, assay of . . . 217
Containers . . . 503
Coto, Paracoto, wintera and canella, the gross and histological characters of 491

CORRESPONDENCE:

Alcohol, wood . . . 360
Procter memorial . . . 88, 135, 179, 242, 295, 360, 398
Warburg's tincture . . . 93
Cream of tartar . . . 519
Creosote, nomenclature . . . 491
Cryoscopy . . . 564
Crystals, calcium oxalate, in the study of vegetable drugs (Kraemer) . . . 471
influence of conditions upon form of . . . 256
Custard apple, botanical source . . . 312

Digestive ferments in surgical practice (Wilbert) . . . 535
Diphtheria antitoxin . . . 491
Dispensaries, committee on Free (Remington) . . . 467
Hospital . . . 462
Dispensing notes . . . 505
Distoma hæmatobia, recognition of . . . 232
Drops, character of . . . 141
Drug culture (Kilmer) . . . 10

Drugs, adulteration of (Kebler) 573
detection of adulterations in, by means of the X-rays (Wilbert) . 78, 104

Ebulliscope, the, use in alcohol determination 158
Economic order in pharmacy, a new 508

EDITORIAL:

American Pharmaceutical Association 448
Bio-chemical analyses and their value 596
Parliamentary law in associations 148
Pharmaceutical jurisprudence 204
Pharmacopœia, the, and the specialist 35
Rice, Charles 303
Semi-centennial of the A.Ph.A. 97
The specialist and the pharmacopœia 35
Education of apprentices 462
Elixir of heroin and terpin hydrate (McClintock) 31
potassii bromidi, N. F. 506
Emetine, chemical properties of 108
hydrobromide and hydrochloride, preparation of 108
pharmacology of 114
Enzyme, proteolytic, of barley 32
Eucaine B, value as an anaesthetic 208
Explosives, high and low (Leffmann) 45
Eschscholtzia californica, the alkaloids of (Fischer) 489
Ether test for scammony 147
Extracts, wood alcohol in the preparation of narcotic fluid (Gordon) . . 468
fluid, official 502
of colocynth compound, formula 501
of meat 500
food value 565

Ferments, digestive, in surgical practice (Wilbert) 335
living character of 313
of the Leguminosae 192
Flour, detection of maize in 567
Flours, strengthening, from Russia 197
Foods, artificial, the deterioration of (La Wall) 477
Formaldehyde, quantitative estimation of 568

Gaseous elements in the atmosphere 487
Gasometric tests of the Pharmacopœia, oxygen as a standard for 495
Ginseng garden, a 510
Glaucium flavum, the alkaloids of, (Fischer) 489
Glycerin, commercial 555
tonic compound, formula for 459
Glycerite of lead 519
Glycero-sodium borate, preparation of 34

Hansen, G. A., bust of 314
"Hoffmann Haus," the (Arny) 349
Holocain, value as a local anæsthetic 208
Husemann, Theodor 521
Hydrastis canadensis, assay of 168
commercial 555
Hydrogen peroxide, preserved, quality of 460

Illicium floridanum, the histology and development of 500
Indicators, occurrence in nature (Fraps) 174
and distilled water 157
Iodoform reaction in analysis 498
Ions, influence of, upon plant and animal functions 209

Ipecac, assay of . . . 214
Carthagena, commercial . . . 555
Ipecacuanha, Brazilian and Columbian . . . 115
chemistry of (Paul and Cownley) . . . 57, 107

Jaborandi leaves, commercial . . . 555

Keen, W. W., portrait of . . . 314
Kola nut, description of . . . 142
fresh, chemistry of . . . 301

"Label gummer, the druggists" . . . 105
Laboratory, a new research . . . 158
possibilities (Hynson) . . . 504
Lard, benzoinated (Bamford) . . . 29, 47
methods of preparation . . . 47
Laudanum . . . 519
Law, parliamentary, in associations . . . 148
Laws, pharmacy and legislation (Beal) . . . 244, 406
the liquor, of States and provinces as they apply to pharmacists . . . 509
Legislation, report of Committee of Arkansas Association of Pharmacists, 510
Committee of Kansas Pharmaceutical Association . . . 515
report of Committee of Pennsylvania Pharmaceutical Association (Cliffe) . . . 466
Committee of Virginia Pharmaceutical Association . . . 521
Lime, chlorinated, strength . . . 501
Liniments in prescriptions . . . 462
Linum, standard . . . 502
Liquor tax in Colorado . . . 511
ammonii anisatus, formulæ . . . 462
thymoli compositus, formula for . . . 459
Lithium peroxide . . . 33

Magnalium, properties of . . . 31
Malaria and its relation to mosquito bites . . . 193
Manganese dioxide in Brazil . . . 31
Manna from the olive tree . . . 303
Market drugs, quality . . . 519
Mass of mercury, preparation . . . 501
Mastic, gum (Maisch) . . . 156, 169
Mastic, discussion on . . . 157
Meat, extract of . . . 500
Medicine, tropical, endowment of chair of . . . 314
Memorial, Procter (Scoville) (see correspondence) . . . 86
Mercuric and mercurous iodide, production of crystals of . . . 33
Mercury mass, preparation . . . 501
Metric medicine glass (Wilbert) . . . 590
Milk, cow's, the influence of cereal decoctions on the coagulation of (La Wall) . . . 561
Mistura chlorali et potassii bromidi composita, N. F. . . . 460
Molecular formula . . . 489
weight . . . 488
Morphine, Lloyd reaction for (Mayer) . . . 353
Mortars, presentation of . . . 105

National Association of Retail Druggists . . . 601
National formulary, suggestions on . . . 454
preparations . . . 520
report . . . 507
New remedies, valuation . . . 563
Nineteenth century progress . . . ii
Nutmeg analyses . . . 554

Nux vomica, assay of 211
presence of copper in 405

Obituary—Blair, Henry C. . . . 314
Husemann, Theo . 314, 521
Maisch, Henry C. C. . 397
Mohr, Charles . . . 397
Preston, David . . . 106
Squibb, Edward Robinson, memoir of . . 419
Turnbull, Lawrence 413
Warner, Wm. R. 314, 414
Weber, August 416
Wells, James G. 416
Wilder, Hans M. 314, 411

Oil, aniseed, and anethol (Pancoast and Kebler) 356
buchu, composition of 233
castor, distillation products of 299
cooking, estimation of 406
cotton-seed, use in medicine 461
glands, study of 299
lemon, citral determination in 567
olive, notes on (Meyer) 557
olive, container 210
pumpkin-seed (Graham) 352
of peppermint, commercial quality (Ellis) 573
rose, German 199
phenylethyl alcohol in 566
sandalwood, lavender and thyme (Kebler) 209
examination of (Kebler) 223
sandalwood, analysis of 140
West Indian sandalwood 140, 200
sesame, detection in other oils 189
of walnuts (Kebler) 173
Oils, essential, adulteration of (Pancoast and Kebler) 1
adulterants of, discussion on 48
carvone content of 352
cinnamon and cinnamia aldehyde 499
essential estimation of, in aromatics 146
fungicidal action of 364
relation of ester content to aroma 210
specific gravities and co-efficients of expansion of 500
standardization 502
Ointments in prescriptions 462
Oleate of mercury, formula 468
Olive tree manna 303
Opium 519
granulated, in preparation of tinctures 501
Organic compounds, relationship between chemical constitution and physiological action of (Coblentz) 207, 263, 326
Ovula glycerini, formula 564
Oxygen as a standard for gasometric tests of the Pharmacopœia 495

Paints, bactericidal action of 363
Papaw, the, story of (Kilmer) 272, 312, 336, 383
leaves, digestive power of 312
Parasites, animal, recognition of, in man (Boston) 228, 253
Paracoto, wintera, canella and coto, the gross and histological character of . 496
Pasteur, monument to 314
Pennsylvania State Pharmaceutical Examining Board 1
Pepper, black, analyses 554
Petrolatum, examination of 187
oxygenated (Wilbert) 155, 220
Pharmacists, American, memorials to 83
Pharmacy, commercial, lectures on 158

Pharmaceutical notes 460
Pharmaeopœia, German, volumetric methods of 191
oxygen as a standard for gasometric tests of the 495
report of Committee of A.Ph.A. (Eliel) 501
Pharmacy laws and legislation (Beal) 244, 406
legislation, practical politics applied to (Beal) 66, 103, 201
recent literature relating to 31, 95, 140, 187, 405, 563

PHILADELPHIA COLLEGE OF PHARMACY.

Adoption of by-laws 106
Alumni Association 260
Baccalaureate sermon 260
Classes of 49, 52, 54, 56
Commencement 256
Committees, appointment of 418
Committee on Nominations, report 574
Delegates, appointed 262
to American Pharmaceutical Association, report of 574
to Pennsylvania Pharmaceutical Association, report of 574
Election of honorary members 261
French, Howard B. President's Annual Report 260
President's cup 256
Graduates 260
Heinitsh, Charles A, presentation of portrait 106, 261, 574
Minutes of meetings 262, 574
Officers and trustees elected 262
reports 259
Pharmaceutical meetings 45, 103, 154, 206, 253, 311, 572, 605
specimens presented and exhibited at . . . 105, 157, 206, 313, 572, 605
President's Annual Report 261
cup (French) 260
Prizes 259
Reports of officers and standing committees 261
Rice, Charles, resolutions on death of 418
Squibb, Edward Robinson, presentation of portrait 260
Supper given by faculty 260
Theses, subjects for 262
Trustees, election 262, 574

Philippine Islands, medicinal plants of 491
Phosphorus in oils, assay of 481
Photographic development by gas-light (Weakley) 234, 256
Plasters in prescriptions 462
Platinum metals, separation of 190
Podophyllum, standardization 502
Polarization, influence of mixtures on (Beck) 367
Preliminary education 507
Prescriptions, a compilation of three score and more 507
keeping records of 506
reading and compounding, teaching 509
work, increasing the 506
Prices, control of 503
Prickly ash bark, southern (Cliffe) 562
Profitable side of pharmacy 503
Prunus virginianæ, standardization 502
Psychotrine, chemical properties 112
Ptomaines, influence of, in post-mortem examinations 255

Quillaja, standardization 502

Resins, official use of methyl alcohol in their preparation 289

Rice, Charles, versatility of 510
sketch 303
Rock-candy, cost of, for syrups 313

REVIEWS:

Beal, J. H. Notes on equation writing and chemical and pharmaceutical arithmetic 410
Beam, William and Henry Leffmann. Select methods in food analysis, 451
Biltmore botanical studies 452
Coblentz, Virgil and Samuel P. Sadtler. A text-book of chemistry . 44
de Tavera, T. H. Pardo. The medicinal plants of the Philippines . . 599
Gould, Geo. M. The student's medical dictionary 103
Greshoff's fish poisons 98
Hinrichs, G. D. The absolute atomic weights of the chemical elements 570
Koch, Ludwig. Die mikroskopische Analyse der Drogenpulver . 451, 600
Koller, Theodor. Die Technich der Kosmetik 571
Leffmann, Henry and William Beam. Select methods in food analysis, 451
Lloyd, John Uri and Harvey W. Fitler. King's American Dispensatory 153
Macdougal, D. T. Practical text-book of Plant Physiology 569
Merck's 1901 manual of the materia medica 366
Oldberg, Oscar. Inorganic general medical and pharmaceutical chemistry 150
Potter, Samuel O. L. A handbook of materia medica, pharmacy and therapeutics 365
Proceedings of the American Pharmaceutical Association 150
Richards, Ellen H. and A. G. Woodman. Air, water and food from a sanitary standpoint 101
Sadtler, Samuel P. A handbook of industrial organic chemistry . . 41
and Virgil Coblentz. A text-book of chemistry 44
Sajous, Chas. E. de M. Annual and analytical cyclopædia of practical medicine 409
Schneider, Albert. General vegetable pharmacography 43
Smith, Peter. The Indian doctor's dispensatory 452
Sollman, Torald. A text book of pharmacology 599
Tanner, Thomas H. Memoranda on poisons 306
Utz, F. Das Komprimiren von Arzneitabletten 601
v. Waldheim, Max. Die Serum, Bakterientoxin und organ-Präparate . 570
Wiesner, Julius. Die Rohstoffe des Pflanzenreiches 600
Wilcox, Reynold W. Materia medica, pharmacy, pharmacology and therapeutics, by W. H. White 599
Woodman, A. G. and Ellen H. Richards. Air, water and food from a sanitary standpoint 101
Veterinary counter-practice 102

Saddle-bags, presentation of 105
Salicin, glucoside 501
Salt, sea 497
Sandarac, spurious 565
Sanguinaria, standardization 502
Sanguinaria canadensis, the alkaloids of (Fischer) 490
Sanguinarine 501
Sapo mollis, formula 501
Sarsaparilla, standardization 502
Scale, decimal platform 210
Scammony, ether test for 147
Science, magazine ii
Scopola and belladonna, comparative pharmacological study of 495
Sea salt 497
Seeds, effects of nourishment on 312

Senega, standardization 502
Senna, emodin in 406
Sesquiterpenes, the characterization and classification of the 494
Side lines 506
Silver amalgam at Sala 32
Sinapis alba, standard 502
nigra, standard 502
Soap-cutting device, exhibition of 313
Sodium phosphate, commercial 469
Specific gravity, determination (Hatcher) 595
Spirit of ammonia, aromatic, formula 506
strength 501
Sponges, where they live, how obtained and their uses (Hart) 584
State Association Proceedings 510
Statistics concerning pharmacists of U. S. 507
Stills, improvements in the Remington pharmaceutical (Remington) . 81, 105
Strophanthus, standardization 502
Strychnine, examination of the chemical tests for (Kebler) 253
morphine and hydrastine, reaction of mixtures of 254
Study in colleges of pharmacy, committee on course of 465
Stylophorum diphyllum, contribution to the chemistry of 490
Sugar, amorphous, crystallization of 34
Suprarenal glands, the pharmacologic assay of preparations (Houghton) 496, 531
Surgery, minor (Stahl) 470
Syrupus ferri quininæ et strychninæ phosphatum (La Wall) 446
Syrup of hydriodic acid, use of rock-candy for 313
of iodide of iron, discoloration (Haussmann) 16, 46
of iodide of iron, preservation of 46
spoliation of (Cohn) 119, 155
of wild cherry, preparation of 313

Tænia echinococcus, recognition of 231
Tannin, commercial 556
Tapeworm, recognition of 229
Teaching microscopy, botany, physiology, pharmacodynamics and urine analysis in colleges of pharmacy 508
Terpin hydrate, preparation of 200
Theobroma cacao, description of 144
Thymotal as a remedy for *Anchylostomum duodenale* 143
Tincture colchicum, preparation 511
iodine made with wood alcohol 286
nux vomica, formula 502
Tinctures, official 502
Tinctura opii, sample of denarcotized 158
strophanthus, preparation 501
Warburg's (Sieker) 30
Trichina spiralis, recognition of 231
Turpentine, spurious Venetian 198

Unguentum aqua rosæ, methods of preparation 154
hydrargyri nitratis, formula 501
University at Lawrence, Kan. 515
Urine, albuminous, clarification of 364
estimation of sugar in 302
estimation of total solids in 96
examination in presence of synthetics 209
phenylhydrazine reaction for 147

Veratrum album, location of alkaloid 568
Von Pettenkofer, Max, suicide of 314

Water, purification of 142
Waters, aromatic, preparation of 501
Wax, test 501
yellow, commercial 556
Weights and Measures, Report of Special Committee A.Ph.A. (Ryan) . 483
Wintera, canella, coto and paracoto, the gross and histological characters of 496
Worcester plan 503

X-ray tubes, best, award to makers of 314

AUTHORS.

Arny, H. V. The "Hoffmann Haus" 349
Alpers, W. C. A new cold cream 117, 154

Bamford, M. W. Benzoinated lard 29, 47
Beal, J. H. Practical politics and pharmacy legislation 66, 103
Pharmacy laws and legislation 201, 244, 406
Beck, W. Porter. Influence of mixtures on polarization 367
Boston, L. Napoleon, recognition of certain animal parasites in man . 228, 253

Clark, A. W. Assay of belladonna root and its extract 22
Cliffe, W. L. Note on Southern prickly-ash bark 562
Coblentz, Virgil. Relationship between chemical constitution and physiological action of organic compounds 207, 263, 326
Cohn, Alfred I. Why do syrups spoil? 119, 155
Cook, E. Fullerton. Methyl alcohol in pharmaceutical preparations, 289, 313
Cownley, A. J. and B. H. Paul. The chemistry of ipecacuanha . 57, 104, 107

Eliel, Leo. Report of committee on U.S.P. of the A.Ph.A. 501

Fraps, G. S. Occurrence of indicators in nature 174

Gordin, H. M. Assay processes 159
Gordon, Frederick T. Liquid carbonic acid gas 237, 256
Use of wood alcohol pharmaceutically 285, 313
Graham, Willard. Pumpkin-seed oil 352
and Robert C. Pursel. Laboratory notes 555

Hart, Albert. Sponges, where they live, how obtained, and their uses . . 584
Hatcher, R. A. Determination of specific gravity 595
Haussmann. F. W. Discoloration of syrup of iodide of iron 16, 46
Hoffmann, Fr. International pharmaceutical congresses 315, 373, 431
Memorials to American pharmacists 83
Houghton, E. M. The pharmacologic assay of preparations of the suprarenal glands 531
Hynson, Henry P. Laboratory possibilities 504
Modern evidences of pharmaceutical progress 575

Kebler, Lyman F. Adulteration of drugs 573
and George R. Pancoast. Adulterations of essential oils 1, 47
Estimation of chromic acid and the soluble chromates 395
Examination of the chemical tests for strychnine 253
Examination of oils of sandalwood, lavender and thyme 209
Oil of walnuts 172
Aniseed oils and anethol 356
Kilmer, F. B. Drug culture 10
The story of the papaw 272, 312, 336, 383
Kraemer, Henry. Calcium oxalate crystals in the study of vegetable drugs 471

Lamar, William R. Assay of coca 125, 155
LaWall, C. H. The influence of cereal decoctions on the coagulation of cow's milk 561
Syrupus ferri quininæ et strychninæ phosphatum 446
Leffmann, Henry. High and low explosives 45
Lowe, C. B. Spoons for administering medicines 593, 608

Maisch, Henry C. C. Gum mastic 169
Mayer, Joseph L. Lloyd reaction for morphine 353
McClintock, T. B. Elixir of heroin and terpin hydrate 31
Meyer, Jr., C. F. G. Some notes on olive oil 557

Oldberg, Oscar. Address to Scientific Section A. Ph. A. 486

Pancoast, Geo. R., and L. F. Kebler. Adulterations of essential oils . 1, 47
Aniseed oils and anethol 356
Paul, B. H., and A. J. Cownley. The chemistry of ipecacuanha . 57, 104, 107
Pursel, Robert C., and Willard R. Graham. Laboratory notes 555

Remington, J. Percy. Improvements in the Remington pharmaceutical stills 81, 105
Pharmacists' apparatus stand 19, 46

Schulze, Louis. An investigation of colchicum 293
Scoville, Wilbur L. A Procter memorial 86
Sieker, F. A. Warburg's tincture 30

Takamine, Jokichi. Adrenalin the active principle of the suprarenal glands and its mode of preparation 523

Weakley, Wm. S. Photographic development by gas-light 234, 256
Wilbert, M. I. Commercial asafœtida 131
Digestive ferments in surgical practice 535
A metric medicine glass . . . . .
Oxygenated petrolatum 155, 220
Production of nitric acid from atmospheric nitrogen 171
X-rays in the detection of adulterations in drugs 78, 104
Winton, A. L. Anatomy of fruit of cocos nucifera 538